

MDCAT Chemistry Chapter 15 Alkyl Halides Online Test

Sr	Questions	Answers Choice
1	Formalin is used as:	A. Fungicide B. Germicide C. Sterilizing of surgical instruments D. All three
2	Which is most acidic?	A. H ₂ O B. C ₂ H ₅ OH C. C ₄ H ₉ OH D. CH ₃ -CH ₂ -CH ₂ OH
3	Phenol is completely soluble in water above	A. 25°C B. 62.3I C. 68.5°C D. 66.50°C
4	Alcohol is less acidic than phenol due to	A. higher K_a value B. Instability of alkoxide ion C. stability of carbocation D. Stability of phenol
5	Phenol is colourless, crystalline and solid	A. Hygroscopic B. Deliquescent C. Moistening D. Odourless
6	In aldehydes and ketones carbon of carbonyl group is:	A. sp ³ hybridized B. sp ² hybridized C. sp hybridized D. un hybridized
7	The red brown ppt. of Fehling solution and benedict solution tests are of	A. Ag B. Cu ₂ O C. CuO D. AgBr
8	Primary, secondary and tertiary alcohols can be identified and distinguished by	A. Lucas test B. Iodoform test C. Baeyer's test D. Silver mirror test
9	The conversion of tertiary alcohols into alkenes in the presence of K ₂ Cr ₂ O ₇ + H ₂ SO ₄ is	A. Addition reaction B. C-H bond cleavage C. Elimination reaction D. Combustion reaction
10	Which of the following alcohols is least reactive with respect to O-H bond	A. CH ₃ OH B. CH ₃ -CH ₂ -OH C. (CH ₃) ₂ -CH-OH D. (CH ₃) ₃ COH
11	The addition compound obtained by reacting acetaldehyde and HCN, when hydrolyzed gives	A. Ethyl alcohol B. Methyl cyanide C. 2-Hydroxy propanoic acid D. Ethyl cyanide
12	Oxidation of secondary alcohol produces	A. Aldehyde B. Ketone C. Alkyl halide D. Ester
13	Which of the following alcohol cannot be produced by treatment of aldehydes or ketones with NaBH ₄	A. 1-propanol B. 2-Methyl-2-propanol C. 2-propanol D. Ethanol
14	1, 3, 5-Pentanetriol has secondary carbon	A. 3 B. 1 C. 2 D. Zero
15	Which one of the following alcohol is indicated by formation of yellow crystals in Iodoform test?	A. Methanol B. Ethanol C. Butanol D. Propanol

16	Which one of the following is an appropriate indication of positive iodoform test?	A. Formation of H ₂ O B. Brick red precipitate C. Release of H ₂ gas D. Yellow precipitate
17	Which one of the following is more acidic	A. Phenol B. Carboxylic acid C. Alcohols D. Amines
18	What forces operate between ethyl group of ethyl alcohol and oxygen of water	A. H-bonding B. attractive forces C. repulsive forces D. dipole forces
19	The number of resonating structures of phenoxide ion are	A. 3 B. 5 C. 6 D. 4
20	Which will not react with phenol	A. NaOH B. Br ₂ C. KMnO ₄ /OH ⁻ D. Na